

Work Order ID 147265***147265***

Page 1

Monday, August 22, 2016 10:08:33 AM

Item ID: D350-607-511

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH

Start Date: 6/20/2016 Start Qty: 4.00

4

Cust Item ID:

Required Date: 6/28/2016 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals:

Process Plan:

DAS

21

Date:

AUG 22 2016

Tooling:

Date:

QC:

9-89

Date:

SPC (Y/N):

Date:

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D350-607-4	C
DSI9699	A

DAS
21
9-89

16-08-22 (Y)

100

Document Control

DAS
6
9-89

0.00 AUG 22 2016

100

DC

DOCUMENT CONTROL

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D350-607-511 CHG006

4x

DAS
28
9-89

SEP 05 2016

140

Pick Kit

0.00

140

Packaging

Memo

0.00

Packaging

(4)

R

DAS
6
9-89

AUG 22 2016

007-7-900

Work Order ID 147265

Monday, August 22, 2016 10:08:33 AM

147265

Page 2

Item ID: D350-607-511

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH

Start Date: 6/20/2016 Start Qty: 4.00

4

Cust Item ID:

Required Date: 6/28/2016 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	QC4- 100% Inspect kits for completeness	0.00							
150									
QC	Memo	0.02				4x	DAS 28 9-89	SEP 05 2016	
Quality Control									
160		0.00							
160									
Packaging	Packaging	0.00				4x	DAS 28 9-89	SEP 05 2016	
Packaging	Memo								
	Identify and pack for shipping as per PPP D350-607-511								
	Location: <u>Fg 128</u>								
170	QC21- Final Inspection - Work Order Release	0.00							
170									
QC	Memo	0.07				DAS 21 9-89		SEP 06 2016	
Quality Control									
							DAS 21 9-89	SEP 06 2016	

Picklist Print

Monday, August 22, 2016 10:08:38 AM

Page 1

Work Order ID: 147265

147265

Parent Item: D350-607-511

D350-607-511

Parent Item Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH

Start Date: 6/20/2016

Required Date: 6/28/2016

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A NEW ISSUE 10-06-28 JLM VERIFIED BY: LL IPP
REV:B 13.12.30 PER RE.C ECN13-672 DD VERF:RQ IPP REV:C
14.06.09 AS PER ECN14-572 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3910-7		Manufactured	No				Each	30.0000	✓	4			PC
D3910-7									**				DAS 6 9-89
Crosstube Lug													

Location	Loc Qty	Loc Code
ST524	30	
140761	10	
147314	20	

D3501-1		Manufactured	No			140	Each	184.0000	8	32			PC
D3501-1									**				DAS 6 9-89
Bushing													

Location	Loc Qty	Loc Code
ST039	184	
145000	54	
147571	32	
148325	35	
148934	63	

D3910-3		Manufactured	No			140	Each	21.0000	2	8			PC
D3910-3									**				DAS 6 9-89
Crosstube Lug													

Location	Loc Qty	Loc Code
ST523	21	
147078	21	

AUG 22 2016

Monday, August 22, 2016 10:08:38 AM

147265

D350-607-511

Required Date: 6/28/2016

Required Qty: 4.00

pc

DAS
28
9-89

Loc Code

185.0000

⑧
XB145 193x5P C
B146554x27

DAS
6
9-89

Loc Code

10.0000

 α

DAS
6
9-89

DAS
28
9-89

Loc Code

8.0000

pc

DA
6
8-83

DAS
28
9-89

Loc Code

Monday, August 22, 2016 10:08:38 AM

Shop Packet Print

Picklist Print

Monday, August 22, 2016 10:08:38 AM

Page 3

Work Order ID: 147265

147265

Parent Item: D350-607-511

D350-607-511

Parent Item Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH

Start Date: 6/20/2016

Required Date: 6/28/2016

D4775-041

Manufactured No

140

Each

16.0000

Start Qty: 4.00

2 8

Required Qty: 4.00

D4775-041

Strut Assembly

DAS
28
9-89

Location

Loc Qty

Loc Code

ST357

16

145988

1

147685

5

148207

10

**

PC

DAS
6
9-89

D4776-3

Manufactured No

140

Each

25.0000

2 8

D4776-3

Skidtube Clevis

DAS
28
9-89

Location

Loc Qty

Loc Code

ST124

25

147382

15

148882

10

**

PC

DAS
6
9-89

AN4-14A

Purchased No

140

Each

355.0000

20 80

AN4-14A

Bolt

DAS
28
9-89

Location

Loc Qty

Loc Code

FG

5

122141

5

over003

200

M135390

100

M135407

100

ST344

150

M134943

50

M135056

100

**

PC

DAS
6
9-89

AUG 22 2016

Monday, August 22, 2016 10:08:38 AM

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Page 3

Picklist Print

Monday, August 22, 2016 10:08:38 AM

Page 4

Work Order ID: 147265

147265

Parent Item: D350-607-511

D350-607-511

Parent Item Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH

Start Date: 6/20/2016

Required Date: 6/28/2016

AN4-42A Purchased No 140 Each 77.0000

Start Qty: 4.00
4 16

Required Qty: 4.00

AN4-42A

Bolt

**

PC

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

over003 50
M135056 50
ST341 27
M134573 2
M134943 25

19

AN6-13A Purchased No 140 Each 74.0000

2 8

AN6-13A

BOLT

**

PC

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST335 74
m134630 24
m135133 50

8

MS21042L4 Purchased No 140 Each 2,297.000

24 96

MS21042L4

Nut

**

PC

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001 51
m133363 51
GA 424
m133769 116
m135058 308
OVER007 1000
m135470 1000
ST3003 25
m134955 25
ST303 797
m135297 797

96

AUG 22 2016

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Page 4

Picklist Print

Monday, August 22, 2016 10:08:38 AM

Page 5

Work Order ID: 147265

147265

Parent Item: D350-607-511

D350-607-511

Parent Item Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH

Start Date: 6/20/2016

Required Date: 6/28/2016

MS21042L6

Purchased

No

140

Each

186.0000

Start Qty: 4.00

2

8

Required Qty: 4.00

MS21042L6

Nut

DAS
28
9-89

Location

Loc Qty

Loc Code

ST303

186

m133938

6

m134955

70

m135058

60

m135442

50

**

PC

DAS
6
9-89

NAS1149F0432P

Purchased

No

140

Each

1,037.000

40

160

NAS1149F0432P

WASHER

DAS
28
9-89

Location

Loc Qty

Loc Code

ST260a

1000

M134955

1000

ST262

37

M134502

37

**

PC

DAS
6
9-89

NAS1149F0663P

Purchased

No

140

Each

139.0000

4

16

NAS1149F0663P

WASHER

DAS
28
9-89

Location

Loc Qty

Loc Code

ST262

139

M134365

139

**

PC

DAS
6
9-89

16

AUG 22 2016

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-607-3 Rev.D,
INSTALLATION INSTRUCTIONS D350-607-4 Rev. C AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-607 REV. 6

REF TCCA STC: SH94-14
REF FAA STC: SR00213NY
REF EASA STC: EASA.10016996
REF BRAZILIAN STC: 2007S03-03/-04/-05/-06

UNCONTROLLED COPY
ENGINEERING
RETURN TO
SHOP COPY
WITHOUT NOTICE
WORK ORDER
NO. 147265
160609
MCS

1.0 PURPOSE

This service instruction provides parts and instructions to facilitate installation of forward Basket Strut for customers that have purchased: D350-607-501 Conversion Kit @ CHG 004, D350-607-511 Quick Release Basket Mounting Kit @ CHG 004, D350-607-541 @ CHG 006, D350-607-543 @ CHG 007, D350-607-545 @ CHG 006, D350-607-547 @ CHG 007 Heli-Utility-Baskets as well as the D350-607-431 Strut Retrofit Kit and the D350-607-641 Long Cargo Tube @ CHG 001.

2.0 PARTS LIST:

Modify the quantities for D3910-5 and add D3910-7 as follows:

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET @ CHG 007 OR LATER
	X					D350-607-543	HELI-UTILITY-BASKET @ CHG 008 OR LATER
		X				D350-607-545	HELI-UTILITY-BASKET @ CHG 007 OR LATER
			X			D350-607-547	HELI-UTILITY-BASKET @ CHG 005 OR LATER
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT @ CHG 005 OR LATER
					X	D350-607-501	CONVERSION KIT @ CHG 005 OR LATER
				1	1	D3910-5	X-TUBE LUG
				1	1	D3910-7	X-TUBE LUG

(ADD)

QTY -413	QTY -415	QTY -417	QTY -419	QTY -431	PART NUMBER	DESCRIPTION
X					D350-607-413	HEAVY DUTY LID KIT (LONG)
	X				D350-607-415	HEAVY DUTY LID KIT (SHORT)
		X			D350-607-417	LIGHTWEIGHT LID KIT (LONG)
			X		D350-607-419	LIGHTWEIGHT LID KIT (SHORT)
				X	D350-607-431	STRUT RETROFIT KIT @ CHG 005 OR LATER
				1	D3910-5	X-TUBE LUG
				1	D3910-7	X-TUBE LUG

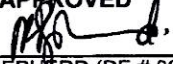
(ADD)

QTY -641	QTY -611	QTY -511	QTY -431	PART NUMBER	DESCRIPTION
X				D350-607-641	QUICK RELEASE LONG CARGO TUBE
1	X			D350-607-611	LONG CARGO TUBE
1		X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT @ CHG 005 OR LATER
			X	D350-607-431	STRUT RETROFIT KIT @ CHG 005 OR LATER
		1	1	D3910-5	X-TUBE LUG
		1	1	D3910-7	X-TUBE LUG

(ADD)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 14.05.16
CERT. NO.: SH94-14
ISSUE NO.: 6

A	NEW ISSUE	AJS	14.05.16
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9699	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		LUG REPLACEMENT	NTS
DATE	14.05.16	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

3.0 PROCEDURE:

Install the D350-607-501 Conversion Kit, D350-607-511 Quick Release Mounting Kit or D350-607-431 Strut retrofit kit per Installation Instructions D350-607-3 Rev. D or D350-607-4 Rev. C. While installing the Forward Strut perform the following:

- 3.1 Substitute the Forward Lower D3910-5 X-Tube Lug with the D3910-7 X-Tube Lug as shown in Figure 1.
- 3.2 Install the forward D4775-041 Strut Assembly. Transfer mark from the upper hole on the clevis of the D4775-041 Strut Assembly to the D3910-7 X-tube Lug and drill thru the lug $\varnothing 0.257\text{-}\varnothing 0.261$ as shown in Figure 1. Touch up chemical conversion coating per MIL-DTL-5541. Check the witness holes located at the bottom end of the D4775-041 Strut Assemblies to ensure that the thread from the rod end extends past the witness hole.
Torque MS21042L4/-4 nuts to 50-70 in-lbs (5.7-7.9 N-m). Torque MS21042L6/-6 nuts to 160-190 in-lbs (18.1-21.5 N-m).
- 3.3 Complete the installation in accordance with Installation Instructions D350-607-3 Rev. D or D350-607-4 Rev. C.

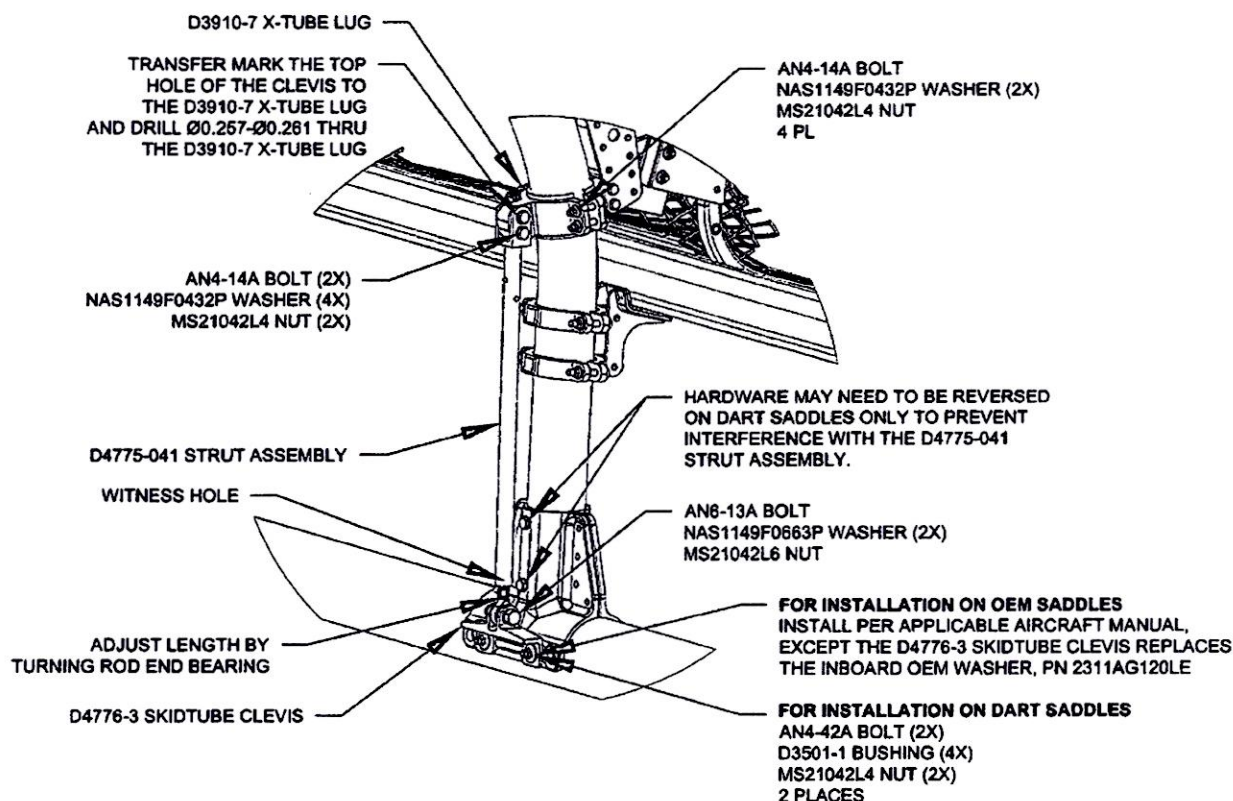


FIGURE 1: INSTALLATION OF D4775-041 FWD STRUT

4.0 WEIGHT AND BALANCE:

There is no weight and balance change associated with this update.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 14.05.16
CERT. NO.: SH94-14
ISSUE NO.: 6

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9699	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	LUG REPLACEMENT	NTS
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DART AEROSPACE LTD.

DAS
28
9-89D350-607-4
Page 18 of 18

5.0 PARTS LIST

QTY -641	QTY -611	QTY -511	QTY -431	PART NUMBER	DESCRIPTION
X				D350-607-641	QUICK RELEASE LONG CARGO TUBE
1	X			D350-607-611	LONG CARGO TUBE
1		X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
			X	D350-607-431	STRUT RETROFIT KIT
		8	8	D3501-1	BUSHING
		2		D3910-3	X-TUBE LUG
		2	2	D3910-5	X-TUBE LUG
1				D3912-041	EYEBOLT RECEIVER ASSY
4				D3917-3	WASHER
		8	4	D3984-030	RUBBER EXTRUSION, X-TUBE
		1		D4148-041	FWD X-TUBE LUG ASSY
		1		D4149-041	AFT X-TUBE LUG ASSY
1				D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
		2	2	D4775-041	STRUT ASSEMBLY
		2	2	D4776-3	SKIDTUBE CLEVIS
1				D4874-041	CARGO TUBE ASSEMBLY
1				D4875-043	CARGO TUBE AFT STRUT
1				D4875-045	FWD ATTACHMENT CLEVIS
			1	D4917-300	PLACARD MAX LOAD
			1	D4917-310	PLACARD MAX LOAD
			1	D4917-315	PLACARD, MAX LOAD
			1	D4917-320	PLACARD, MAX LOAD
			1	D4917-332	PLACARD, MAX LOAD
1				D5028-041	PLUG ASSEMBLY
1				D5031-041	LOCK PIN ASSY
2				AN310-4	CASTLE NUT
2				AN4-11	BOLT
4				AN4-13A	BOLT
		20	12	AN4-14A	BOLT
		4	4	AN4-42A	BOLT
		2	2	AN6-13A	BOLT
4		24	16	MS21042L4	NUT
		2	2	MS21042L6	NUT
2				MS24665-151	COTTER PIN
20		40	24	NAS1149F0432P	WASHER
		4	4	NAS1149F0663P	WASHER

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Revision: C
Date: 14.01.02

REFERENCE ONLY

DAS
28
9-89

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-607-3 Rev.D,
INSTALLATION INSTRUCTIONS D350-607-4 Rev. C AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-607 REV. 6

REF TCCA STC: SH94-14
REF FAA STC: SR00213NY
REF EASA STC: EASA.10016996
REF BRAZILIAN STC: 2007S03-03/-04/-05/-06

1.0 PURPOSE

This service instruction provides parts and instructions to facilitate installation of forward Basket Strut for customers that have purchased: D350-607-501 Conversion Kit @ CHG 004, D350-607-511 Quick Release Basket Mounting Kit @ CHG 004, D350-607-541 @ CHG 006, D350-607-543 @ CHG 007, D350-607-545 @ CHG 006, D350-607-547 @ CHG 007 Heli-Utility-Baskets as well as the D350-607-431 Strut Retrofit Kit and the D350-607-641 Long Cargo Tube @ CHG 001.

2.0 PARTS LIST:

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	X					D350-607-543	HELI-UTILITY-BASKET @ CHG 008 OR LATER
		X				D350-607-545	HELI-UTILITY-BASKET @ CHG 007 OR LATER
			X			D350-607-547	HELI-UTILITY-BASKET @ CHG 005 OR LATER
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT @ CHG 005 OR LATER
					X	D350-607-501	CONVERSION KIT @ CHG 005 OR LATER
				1	1	D3910-5	X-TUBE LUG
				1	1	D3910-7	X-TUBE LUG

(ADD)

QTY -413	QTY -415	QTY -417	QTY -419	QTY -431	PART NUMBER	DESCRIPTION
X					D350-607-413	HEAVY DUTY LID KIT (LONG)
	X				D350-607-415	HEAVY DUTY LID KIT (SHORT)
		X			D350-607-417	LIGHTWEIGHT LID KIT (LONG)
			X		D350-607-419	LIGHTWEIGHT LID KIT (SHORT)
				X	D350-607-431	STRUT RETROFIT KIT @ CHG 005 OR LATER
				1	D3910-5	X-TUBE LUG
				1	D3910-7	X-TUBE LUG

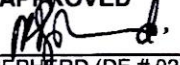
(ADD)

QTY -641	QTY -611	QTY -511	QTY -431	PART NUMBER	DESCRIPTION
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1	X			D350-607-611	LONG CARGO TUBE
1		X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT @ CHG 005 OR LATER
			X	D350-607-431	STRUT RETROFIT KIT @ CHG 005 OR LATER
		1	1	D3910-5	X-TUBE LUG
		1	1	D3910-7	X-TUBE LUG

(ADD)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 14.05.16
CERT. NO.: SH94-14
ISSUE NO.: 6

A	NEW ISSUE	AJS	14.05.16
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9699	SHEET 1 OF 2
APPROVED		TITLE	SCALE
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DATE	14.05.16	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	